

# Converting Colors

Hex(2EB267)

Have a look what the booklet for  
Hex(2EB267) contains.

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**Color**

**Hex(2EB267)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EB267
RGB	46, 178, 103
RGB Percent	18%, 70%, 40%
CMY	0.8196, 0.3020, 0.5961
CMYK	0.74, 0.00, 0.42, 0.30
HSL	146°, 59%, 44%
HSV	146°, 74%, 70%
XYZ	19.4953, 33.4009, 18.2515
YIQ	129.9820, -54.5970, -51.3090

# Conversions

## Conversions Part 2

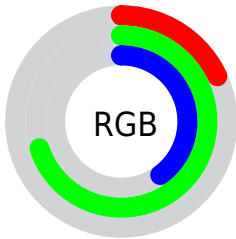
Format	Color
<a href="#">RYB</a>	<a href="#">46, 138, 178</a>
Decimal	<a href="#">3060327</a>
CIELab	<a href="#">64.48, -52.04, 28.49</a>
CIELCh	<a href="#">64, 59.331, 151.301</a>
Yxy	<a href="#">33.4009, 0.2740, 0.4695</a>
Android (android.graphics.Color)	<a href="#">4281250407 (0xFF2EB267)</a>
YUV	<a href="#">129.9820, -13.3021, -73.6522</a>
Hunter-Lab	<a href="#">57.7935, -40.9259, 21.7314</a>

# Details

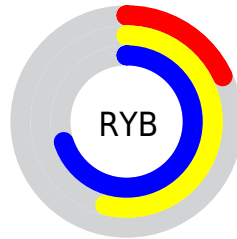
The Hex color **2EB267** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B22E79**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6FEB9B**, and **007C37** is the 20% darker color. If you saturate the color by 10%, you get **1CB25D**, and if you desaturate by 10%, it is **40B271**.

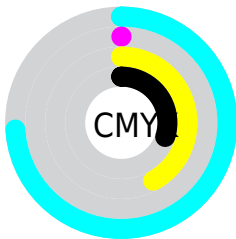
# Distribution



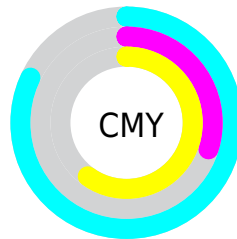
- Red (18%)
- Green (70%)
- Blue (40%)



- Red (18%)
- Yellow (54%)
- Blue (70%)



- Cyan (74%)
- Magenta (0%)
- Yellow (42%)
- Black (30%)



- Cyan (82%)
- Magenta (30%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EB267 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 2EB267 by changing the saturation by 10% instead.



 2EB267

 2EB267


FFFFFF

 00974E

 6FEB9B

 007C37

 8CFFB6

 00621F

 AAFFD2

 004907

 C7FFEE

 003200

 E5FFFF

 001800

 000000

 2EB267

 2EB267

 1CB25D

 40B271

■ 0AB253

■ 52B27B

■ 00B24D

■ 63B285

■ 75B28F

■ 87B29A

■ 99B2A4

■ ABB2AE

■ BCB2B8

■ CEB2C2

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81A93B



2EB267



00B69D

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2EB267



00A2FF



F97368

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



2EB267



B22E79

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FB6B9C



2EB267



A08DF7

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2EB267



00AFF9



DE77D0



E0873E

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



2EB267



00B6C1



DE77D0



FD6E79



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



2EB267



B5E8CB



7BB22E



577564



F5F5F5



757575



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



2EB267



1AE873



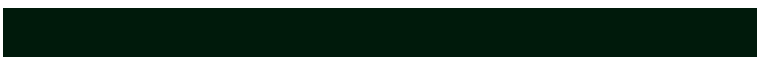
2EB2A7



505954



009942



001A0B



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B22E79



E81A8F



B22E39



595055



990057



1A000E



# Previews

## White Background



This preview shows how the Hex color 2EB267 looks on a white background.

## Color Contrast Check

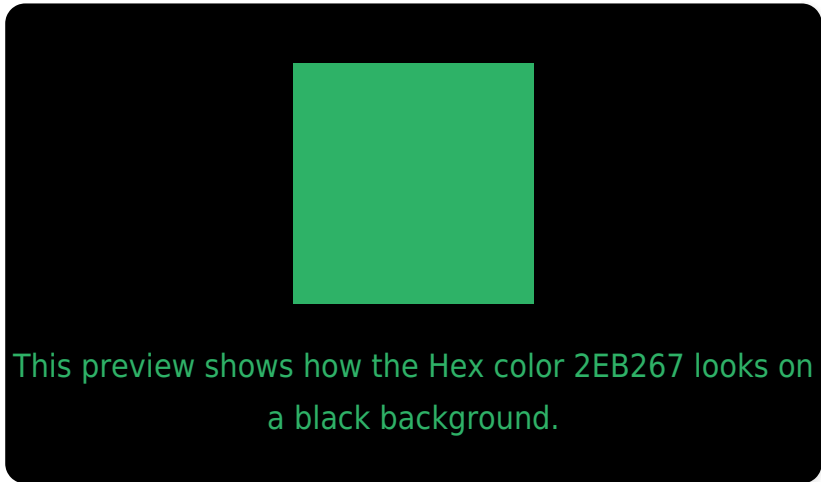
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

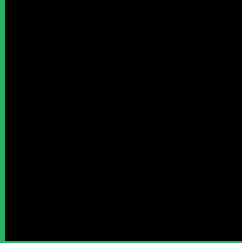
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2EB267 Background



This preview shows how black text looks on a background with the Hex color 2EB267.



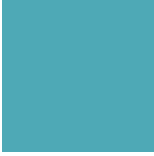
This preview shows how white text looks on a background with the Hex color 2EB267.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
4EA9B6

# Trichromacy



**Original Color**  
2EB267



**Protanomaly**  
7DA361



**Deuteranomaly**  
86A06B



**Tritanomaly**  
42AC99

# Monochromacy



**Original Color**  
2EB267



**Achromatopsia**  
828282



**Achromatomaly**  
639378

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EB267 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #2EB267 looks like.

```
.text, #text, p{  
    color:#2EB267  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #2EB267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EB267
}
```

## Border

The CSS property to change the border of an element to Hex 2EB267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2EB267 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#2EB267 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #2EB267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EB267; -webkit-box-shadow:4px 4px  
4px 4px #2EB267; box-shadow:4px 4px 4px  
4px #2EB267 }
```

# Background

The CSS property to change the background color of an element to Hex 2EB267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EB267 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#2EB267 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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